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(71) Applicant: PHYSICAL OPTICS CORPORATION [US/US]; Building 100, 20600 Gramercy Place, Torrance, CA 90501 (US).				
(72) Inventors: RIZKIN, Alexander, 1191 Camino De La Costa #403, Rendondo Beach, CA 90277 (US). SADOVNIK, Lev, S.; 8061 Romaine Street #207, Los Angeles, CA 90046 (US). MANASSON, Vladimir, 1538 North Martel Avenue #114, Los Angeles, CA 90046 (US).				
(74) Agents: NILLES, Andrew, J. et al.; Nilles & Nilles, S.C., Suite 2000, 777 East Wisconsin Avenue, Milwaukee, WI 53202 (US).				
(54) Title: UNIVERSAL REMOTE LIGHTING SYSTEM				
(57) Abstract				
<p>Systems and methods for universal remote lighting systems are described. A high definition universal remote lighting system includes a light source (210) that is coupled to a light pipe (230), a high efficiency light transformer design (250) and a high efficiency holographic diffuser (260) for shaping the light. The present invention can also include an optical switch device (100) for direct light output monitoring. The systems and methods provide advantages such as cost reduction, better monitoring and control, maintenance simplification, enhanced personnel safety, electromagnetic impulse (EMI) insensitivity, reduced radar and weight/size reduction.</p>				

**UNIVERSAL REMOTE LIGHTING SYSTEM**

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**Applicant:** PHYSICAL OPTICS CORP (US)  
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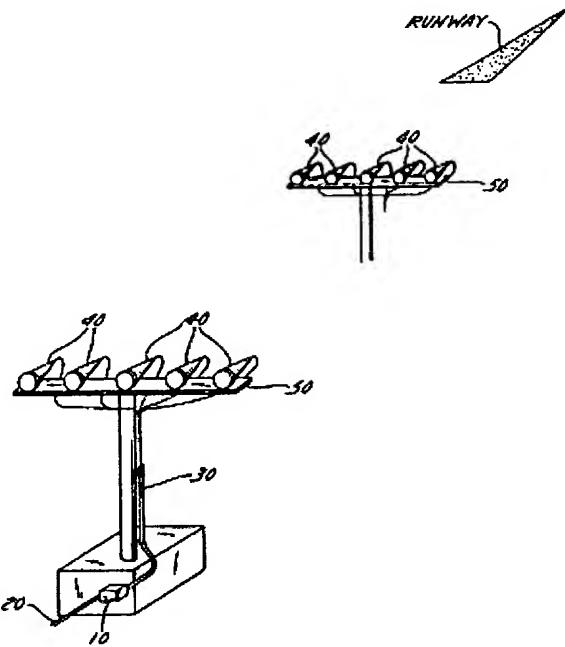
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Systems and methods for universal remote lighting systems are described. A high definition universal remote lighting system includes a light source (210) that is coupled to a light pipe (230), a high efficiency light transformer design (250) and a high efficiency holographic diffuser (260) for shaping the light. The present invention can also include an optical switch device (100) for direct light output monitoring. The systems and methods provide advantages such as cost reduction, better monitoring and control, maintenance simplification, enhanced personnel safety, electromagnetic impulse (EMI) insensitivity, reduced radar and weight/size reduction.




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